



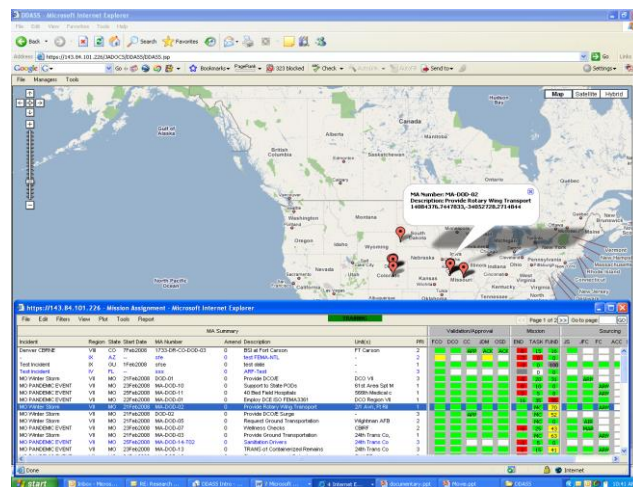
## U.S. ARMY CORPS OF ENGINEERS

# DDASS

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### Technology

The Department of Defense, Defense Support to Civil Authority, Automated Support System (DDASS) is a civilianized version of the Joint Automated Deep Operations Coordination System (JADOCS), a Command, Control and Coordination software tool now used globally by US joint forces. DDASS is a direct outgrowth of this successful technology and in its civilianized form, allows organizations to track and control the dispersion of resources, both manpower and funds, in the context of military support to civilian disaster relief and is designed to operate on commercial PCs using commercial Operating Systems.



### Problem

Until the development of DDASS, coordination and prioritization of DSCA related events (training as well as real world) were accomplished via telephone, fax and paper file folders. There was no way to rapidly coordinate military support across Joint and service specific activities or between the 10 FEMA regions supported by the DoD. Additionally, visualizing a common operational picture for each DSCA related event was not possible.

### Key Capabilities

The core of DDASS is its Mission Assignments (MA) manager. The MA manager is a function that allows each of the 10 regional DoD Coordination Elements (DCEs) and their staffs to review requests by the civilian government for military assistance, prioritize them, electronically indicate their ability to meet the requested mission, and track military funding of the effort through conclusion and provide an automated Common Operational Picture (COP) to civilian organizations such as the Department of Homeland Security (DHS) and Federal Emergency Management Agency (FEMA).

### Benefits

DDASS allows the status of DSCA events to be managed in real time. This enables:

- All Mission Assignments to be viewed in a graphical, synopsized form or individually, in specific detail.
- All DSCA users (DoD and OGA) to have a Common Operational Picture that can be sorted by event date and other parameters as needed.
- Specific data for each mission assignment along with supporting documentation to be available to all users with date/time tags with users able to annotate and expand comments.
- The end user to geolocate events on a graphic map for ease of reference including a hyperlink to the referenced Mission Assignment.

### Status

DDASS has been fielded in its web-enabled form since APR 07. The software has over 670 users and is used by both NORAD/NORTHCOM and PACOM. The software is undergoing a series of upgrades at the request of NORTHCOM for ARNORTH including a series of applications that will help improve their ability to manage DSCA Mission Assignments and reimbursable funds.

**U.S. ARMY CORPS OF ENGINEERS – ARMY GEOSPATIAL CENTER**  
7701 TELEGRAPH RD.  
ALEXANDRIA, VA 22315  
[www.agc.army.mil](http://www.agc.army.mil) • [www.agc.army.smil.mil](http://www.agc.army.smil.mil) • [www.agc.ic.gov](http://www.agc.ic.gov)

Currently, both JADOCS and DDASS are managed by the U.S. Army Corps of Engineers' Army Geospatial Center, and further managed for the Army Project Manager for Fire Support Command and Control. DDASS has been in continuous use for many actual Defense Support of Civil Authorities (DSCA) events since September 2006. Originally designed for, and used by US Army North (ARNORTH), software use was expanded to include Naval Forces in NOV 06 in exercise support, and has since been extended to include the US Northern Command (NORTHCOM); the Office of the Secretary of Defense (OSD), the Joint Director of Military Support (JDOMS); the Joint Forces Command (JFCOM); FEMA; DHS and the Army Materiel Command (AMC) in real world operations as well as exercises. In May 07, ARNORTH provided the Army Geospatial Center (AGC) with \$1.2M to develop a web-enabled version of DDASS which has been active since May 08. In late FY 08, US NORTHCOM funded the AGC \$0.5M to develop a series of financial and MA enhancements for ARNORTH. We are also looking at the incorporation of USACE's CorpsMap within DDASS to extend the utilization of the software to enable DSCA planning and operations to be accomplished.

### **Point of Contact**

Dr. John Karpiscak, [john.karpiscak@us.army.mil](mailto:john.karpiscak@us.army.mil), COM: (703) 428-6708, DSN: 328-6708

**U.S. ARMY CORPS OF ENGINEERS – ARMY GEOSPATIAL CENTER**  
7701 TELEGRAPH RD.  
ALEXANDRIA, VA 22315  
[www.agc.army.mil](http://www.agc.army.mil) • [www.agc.army.smil.mil](http://www.agc.army.smil.mil) • [www.agc.ic.gov](http://www.agc.ic.gov)